Inventor: J.L. CHAO
Serial No.: To Be Assigned   Filed: Herewith
For: Method For Using A Recovery Trend Parameter
To Determine An Optimal Forecast Date
Attorney Doc. No.: 67,200-1132

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Determine a Baseline Recovery Trend Parameter — 14

Calculate Plurality of Associated Recovery Trend Parameters — 16

Associate Each Generated Recovery Trend Parameter with Each Lot to Generate a Plurality of PODs for Each Lot — 18

Calculate a Predefined Number of PODs Using an Associated Predefined Number of Recovery Trend Parameters — 22

Associate a Lot with POD Dates and at least One Parameter in a Chart — 24

RTP per Lot Accuracy =
Σ # Successful Occurrences of PODs/Σ Total # of Times POD Calculated — 26

TA =
Σ RTP per Lot Accuracy for All Associated Lots/Σ # Lots — 28

Generate Recovery Trend Parameter Accuracy Graph — 30

Plot TA Associated with Each Recovery Trend Parameter Accuracy on Y Axis — 32

Plot Each Recovery Trend Parameter on X Axis — 34

Perform a Regression Analysis — 36

Determine Optimal Recovery Trend Parameter and Associated Total Accuracy — 40

Use Optimal Recovery Trend Parameter Calculated Using the Regression Analysis as a New Baseline Recovery Parameter — 52

FIG. 1

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Lot: A12344 POD	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Ship Out Week	Percent Accuracy for Lot A12344/Parameter
Parameter A	Week 3	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	91%

FIG. 2

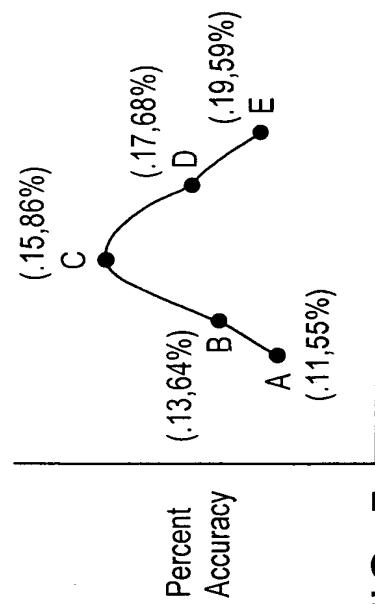| Lot: A12345 POD	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Ship Out Week	Percent Accuracy for Lot A12345/Parameter
Parameter A	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	100%
Parameter B	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	100%
Parameter C	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	100%
Parameter D	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	100%
Parameter E	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	100%

FIG. 3

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Lot: A12346 POD	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Ship Out Week	Percent Accuracy for Lot A12346/Parameter
Parameter A	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 3	Week 3	9%
Parameter B	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 3	Week 3	Week 3	Week 4	Week 4	Week 3	27%
Parameter C	Week 4	Week 4	Week 4	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	Week 3	73%
Parameter D	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 3	Week 3	Week 3	Week 3	Week 3	36%
Parameter E	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 4	Week 3	Week 3	Week 3	18%

FIG. 4

FIG. 5